Title (en)

A storage system having a plurality of controllers

Title (de)

Speichersystem mit einer Mehrzahl von Steuereinheiten

Title (fr)

Système de stockage avec une pluralité de dispositifs de commande

Publication

EP 1280047 A2 20030129 (EN)

Application

EP 01123459 A 20010928

Priority

JP 2001226982 A 20010727

Abstract (en)

A storage system having a plurality of disk controllers for accepting computer access through a SAN, and a plurality of file servers for accepting computer access through a LAN. The disk controllers and file servers are connected through a connection unit to a plurality of disk drive units in a disk pool. A disk pool management unit manages the relationships between the disk controllers and file servers and the disk drive units used by the respective disk controllers and file servers, and sends information identifying the usable disk drive units to the respective disk controllers and file servers. The disk controllers and file servers use the disk drive units based on the received usable disk information.

IPC 1-7

G06F 3/06

IPC 8 full level

G06F 12/00 (2006.01); **G06F 3/00** (2006.01); **G06F 3/06** (2006.01); **G06F 15/16** (2006.01)

CPC (source: EP US)

G06F 3/0607 (2013.01 - EP US); **G06F 3/0631** (2013.01 - EP US); **G06F 3/0632** (2013.01 - EP US); **G06F 3/067** (2013.01 - EP US)

Citation (applicant)

TOMITA: "A scalable, cost-effective, and flexible disk system using high performance embedded-processors", PARALLEL PROCESSING, 2000, pages 317 - 326

Cited by

US6816891B1; EP1462927A3; WO2012004837A1; US7925851B2; US8230194B2; WO2008070802A3; US8495292B2; US9734086B2; US9824027B2; US11573909B2; US11640359B2; US11960412B2

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DOCDB simple family (application)

EP 01123459 A 20010928; JP 2001226982 A 20010727; US 413101 A 20011030; US 99982601 A 20011030